

a9  
cont'd.

passes freely through the hollow cylindrical portion 20 of the plastic transducer housing 21.

**IN THE CLAIMS:**

a10

SUB  
B1

1. (Amended) An apparatus having an electroacoustic transducer, said transducer comprising:

a magnet system which generates a useful magnetic field in a useful field area and a stray magnetic field in a stray field area,

sound generating means arranged in said useful magnetic field for generating acoustic sound wave, and

vibration generating means for generating vibrations perceptible by a user of the apparatus, wherein the vibration generating means comprises at least one movably mounted vibration generating coil arranged in the stray magnetic field generated.

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5. (Amended) An apparatus as claimed in claim 1, further comprising an a.c. generator adapted to generate an a.c. signal having a frequency of, preferably, between 50 Hz and 200 Hz, and the a.c. generator is connected to the at least one vibration generating coil in an electrically conductive manner and supplies the a.c. signal generated by it to the at least one vibration generating coil.

6. (Amended) An electroacoustic transducer, comprising:

a magnet system which generates a useful magnetic field in a useful field area and a stray magnetic field in a stray field area,

sound generating means arranged in said useful magnetic field for generating acoustic sound wave, and

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vibration generating means for generating vibrations perceptible by a user of the apparatus, wherein the vibration generating means comprises at least one movably mounted vibration generating coil arranged in the stray magnetic field.

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cont.

10. (New) An electroacoustic transducer, comprising:  
magnet system for generating a magnetic field;  
sound generating means for generating acoustic sound wave, said sound generating means comprising a first coil placed in said magnetic field; and  
vibration means for generating vibration perceptible by an user, said vibration means comprising one or more second coils placed in said magnetic field.
11. (New) The electroacoustic transducer of claim 10 wherein said magnetic field comprises a useful magnetic field and a stray magnetic field, and wherein said first coil is located in said useful magnetic field, while said one or more second coils are located in said stray magnetic field.
12. (New) The electroacoustic transducer of claim 11 wherein said vibration means further comprises a metal part mechanically connected to said one or more second coils.
13. (New) The electroacoustic transducer of claim 12 wherein said metal part consists of a soft-magnetic material.
14. (New) The electroacoustic transducer of claim 11 wherein said magnet system comprises a magnet of ring-shaped having an inner peripheral area and an outer peripheral area.

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15. (New) The electroacoustic transducer of claim 14 wherein said useful magnetic field is located at said inner peripheral area while said stray magnetic field is located at said outer peripheral area.

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16. (New) The electroacoustic transducer of claim 15 wherein said one or more second coils are arranged at said outer peripheral area and coaxially with said magnet.

17. (New) The electroacoustic transducer of claim 16 wherein said one or more second coils are mounted to be movable parallel to an axis of said magnet.

18. (New) The electroacoustic transducer of claim 11 wherein said sound generating means further comprises a diaphragm activated by said first coil to produce said acoustic sound wave.

19. (New) The electroacoustic transducer of claim 6 wherein said sound generating means comprises a coil and a diaphragm activated by said coil for generating said acoustic sound wave.

20. (New) The apparatus of claim wherein said sound generating means comprises a coil and a diaphragm activated by said coil for generating said acoustic sound wave.

**IN THE ABSTRACT:**

Replace paragraph with the following:

*A13*

In an apparatus (1) having an electroacoustic transducer (12) which includes a magnet